AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1.   (Currently Amended) A home network system for restoring network information, the system comprising:

at least one slave for outputting a current ~~operational~~ operation state information indicative of at least one operation state of said at least one slave, the at least one operation state being variable after powering said at least one slave; ~~and~~

a master including a communication module connected to said at least one slave, the master for periodically receiving the current operation state information output from said at least one slave;

~~to determine a current~~ a memory storing the received operation state information of said at least one slave; and

~~to determine whether said at least one slave has been reset, said master having a~~ ~~non-volatile memory in which the operation state information of said at least one slave is stored~~ a processor checking the state of said at least one slave and transmitting to said at least one slave the stored operation state information ~~if~~ when the master determines that said at least one slave has been reset,

wherein said at least one slave is restored to a latest state and performs an operation according to the operation state information transmitted from the master.

2-3.   (Canceled)

4.   (Currently Amended) The system of claim 1, wherein ~~if~~ when power to said at least one slave is interrupted, said at least one slave is set to an operating state according to the received operation state information and <u>said at least one slave</u> outputs operational state information indicative of the set operating state.

5.   (Previously Presented) The system of claim 1, wherein said at least one slave is a home appliance provided with an RS-232C type communication module for communicating with said master via power-line communication modems connected to a set of power lines.

6.   (Currently Amended) A method of restoring network information in a home network system including at least one slave communicating with a master having a non-volatile memory, the method comprising:

          outputting, from <u>the</u> at least one slave, operational state information indicative of at least one operation state of the at least one slave, the at least one operation state being variable after powering the at least one slave;

          periodically receiving at the master, the operation state information output from the at least one slave to determine a current operation state of the at least one slave and to determine whether the at least one slave has been reset;

storing, in the non-volatile memory, the operation state information of the at least one slave; and

transmitting the stored operation state information from the master to the at least one slave ~~if~~ when it is determined that the at least one slave has been reset,

wherein said at least one slave is restored to a latest state and performs an operation according to the operation state information transmitted from the master.

7.   (Canceled)

8.   (Previously Presented) The method of claim 6, wherein said master is a home appliance provided with a universal asynchronous transmitter/receiver and an RS-232C type communication module for communicating with said at least one slave via power-line communication modems connected to a set of power lines.

9.   (Currently Amended) A television receiver serving as a master device for restoring network information in a home network system including at least one slave communicating with the master device, the television receiver comprising:

a communication module, connected to the at least one slave, for periodically receiving the operation state information from the at least one slave;

memory for storing the operation state information of the at least one slave; and

a ~~CPU~~ processor for periodically checking a current operation state of the at least one slave to determine whether the at least one slave has been reset and the processor for

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transmitting the stored operation state information to the at least one slave, if when it is

determined that the at least one slave has been reset,

wherein said at least one slave is restored to a latest state and performs an

operation according to the operation state information transmitted from the master.

10.   (Previously Presented) The television receiver of claim 9, wherein the

communication module is an RS-232C type communication module for communicating with the

at least one slave via power-line communication modems connected to a set of power lines.